



Identifying best available technologies for decentralized wastewater treatment and resource recovery for India

Fact Sheet

Project Information

Saraswati 2.0

Grant agreement ID: 821427

[Project website](#)

DOI
[10.3030/821427](https://doi.org/10.3030/821427)

Project closed

EC signature date
16 July 2019

Start date
1 August 2019

End date
31 July 2024

Funded under
SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials

Total cost
€ 4 103 172,50

EU contribution
€ 2 009 472,50

Coordinated by
UNIVERSITAET FUER
BODENKULTUR WIEN
 Austria

This project is featured in...



Sustainable solutions for water management in India

Project description

Treating wastewater when and where necessary

The treatment of urban wastewater is fundamental to ensuring public health and environmental protection. Decentralised water and wastewater treatment are flexible and sustainable alternatives to large treatment plants. It can help solve water scarcity and climate resilience challenges. It involves locating water and wastewater treatment plants at the site of water supply, demand, or both. The EU-funded SARASWATI 2.0 project will identify the most affordable and best available technologies. A continuation of the previous project SARASWATI (named after the Hindu goddess of knowledge, music, arts and science and the name of the lost holy river in India), pilots will be conducted in India, which suffers from a low level of adequate wastewater treatment.

Fields of science (EuroSciVoc)

[engineering and technology](#) > [environmental engineering](#) > [water treatment processes](#) > [wastewater treatment processes](#)

[social sciences](#) > [sociology](#) > [industrial relations](#) > [automation](#)

[natural sciences](#) > [chemical sciences](#) > [inorganic chemistry](#) > [post-transition metals](#)

[natural sciences](#) > [earth and related environmental sciences](#) > [environmental sciences](#) > [pollution](#)

[social sciences](#) > [economics and business](#) > [economics](#) > [sustainable economy](#)



Keywords

[affordability](#)

[economic and institutional aspects](#)

[planning](#)

[policies](#)

[regulations](#)

[social acceptance](#)

Programme(s)

[H2020-EU.3.5. - SOCIETAL CHALLENGES - Climate action, Environment, Resource Efficiency and Raw Materials](#)

MAIN PROGRAMME

[H2020-EU.3.5.4. - Enabling the transition towards a green economy and society through eco-innovation](#)

[H2020-EU.3.5.2.2. - Developing integrated approaches to address water-related challenges and the transition to sustainable management and use of water resources and services](#)

Topic(s)

[SC5-12-2018 - EU-India water co-operation](#)

Call for proposal

[H2020-SC5-2018-2019-2020](#)

[See other projects for this call](#)

Sub call

H2020-SC5-2018-1

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



UNIVERSITAET FUER BODENKULTUR WIEN

Net EU contribution

€ 532 500,00

Total cost

€ 532 500,00

Address

GREGOR MENDEL STRASSE 33

1180 Wien

 Austria 

Region

Ostösterreich > Wien > Wien

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (16)



TECHNISCHE UNIVERSITEIT DELFT

 Netherlands

Net EU contribution

€ 286 937,50

Address

STEVINWEG 1

2628 CN Delft 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 286 937,50



FUNDACION PUBLICA ANDALUZA CENTRODE LAS NUEVAS TECNOLOGIAS
DEL AGUA

 Spain

Net EU contribution

€ 279 785,00

Address

AUTOVIA SEVILLA HUELVA (A49) KM28
41820 Carrion De Los Céspedes - Sevilla 

Region

Sur > Andalucía > Sevilla

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

€ 279 785,00



TARTU ULIKOOL

 Estonia

Net EU contribution

€ 161 100,00

Address

ULIKOOLI 18
51005 Tartu 

Region

Eesti > Eesti > Lõuna-Eesti

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

€ 161 100,00



UNIVERSITEIT ANTWERPEN

 Belgium

Net EU contribution

€ 150 000,00

Address

PRINSSTRAAT 13

2000 Antwerpen 

Region

Vlaams Gewest > Prov. Antwerpen > Arr. Antwerpen

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 150 000,00



SOCIEDADE PORTUGUESA DE INOVACAO CONSULTADORIA EMPRESARIAL E FOMENTO DA INOVACAO SA

 Portugal

Net EU contribution

€ 269 350,00

Address

AV MARECHAL GOMES DA COSTA 1376 PORTO CONCELHO FOZ DO DOURO

4150 356 Porto 

SME 

Yes

Region

Continente > Norte > Área Metropolitana do Porto

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 269 350,00



Zentrum fur Umweltmanagement und Entscheidungstheorie

Austria

Net EU contribution

€ 56 250,00

Address

GREGOR MENDEL STRASSE 33

1180 Wien

Region

Ostösterreich > Wien > Wien

Activity type

Research Organisations

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 56 250,00



BIOKUBE AS

Denmark

Net EU contribution

€ 47 500,00

Address

CENTERVEJ SYD 5

4733 Tappernoje

SME

Yes

Region

Danmark > Sjælland > Vest- og Sydsjælland

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 47 500,00



CAMBI SOLUTIONS AS

Norway

Net EU contribution

€ 162 500,00

Address

SKYSSTASJON 11A
1383 Asker

Region

Norge > Oslo og Viken > Viken

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

- [Contact the organisation](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 162 500,00



BEN-GURION UNIVERSITY OF THE NEGEV

Israel

Net EU contribution

€ 63 550,00

Address

.
84105 Beer Sheva

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 63 550,00



INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR

 India

Net EU contribution

€ 0,00

Address

DISTRICT- WEST MIDANPORE W.B.

721302 Kharagpur 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 479 912,00



INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

 India

Net EU contribution

€ 0,00

Address

INDIAN INSTITUTE OF TECHNOLOGY

247667 Roorkee 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 396 641,00



INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IITM)

 India

Net EU contribution

€ 0,00

Address

**Centre for Industrial Consultancy and Sponsored Research Indian Institute of Technology
Madras**

600036 Chennai 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 349 353,00



INDIAN INSTITUTE OF TECHNOLOGY BHUBANESWAR

 India

Net EU contribution

€ 0,00

Address

**ITT BHUBANESWAR SAMANTPURI BHUBANESWAR ITT BHUBANESWAR CAMPUS
ARGUL**

752050 Jatni Khurda Bhubaneswar 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 320 318,00



INDIAN INSTITUTE OF MANAGEMENT MUMBAI

 India

Net EU contribution

€ 0,00

Address

VIHAR LAKE

400087 Mumbai 

Activity type

Other

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 306 805,00



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

 India

Net EU contribution

€ 0,00

Address

MALAVIYANAGAR JLN MARG

302017 Jaipur 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost
€ 187 179,00



TERI UNIVERSITY

 India

Net EU contribution

€ 0,00

Address

INSTITUTIONAL AREA 10

110070 New Delhi 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost
€ 53 492,00

Last update: 4 November 2024

Permalink: <https://cordis.europa.eu/project/id/821427>

European Union, 2025